

INDEX TO VOLUME XIV.—1876-'77.

- Abyssinia and Egypt, 63.**
Academy, Military, 9, 54, 91, 392, 445, 546, 694, 705, 718, 736, 737, 738, 782, 786, 801.
Academy, Naval, library of, 283, 527, 643—Filling of vacancies, 561, 574, 654—Board of visitors, 605 638, 687—Rifle practice of first class, 719, 735, 750, 751, 756—List of successful candidates, 55, 783—Hazing at, 167—Vacancies, 103, 311—Dismissal from, 359—Order No. 8, 407—Pall Mall Gazette on, 426—Resolutions at meeting of Academic Board, 463—Commissary of, 659—Dismissal of Cadet Midshipmen, 830—Order of Superintendent, 830.
Academies, National, hazing at the, 163, 183, 249.
Aerial Machines for War, 614.
Africa, Civilizing, 726.
Aldershot, A New War Game, 469.
Ambulances, Improvised, 6.
American scientific work, 155.
Arctic Explorations, 206, 254, 331, 350, 366, 367, 409, 426, 428, 455, 598, 701, 798, 815.
Armada, Spanish, Relics of, 550.
ARMY OF THE UNITED STATES.
Promotions, Reappointments, Retirements, Transfers and Casualties, H. Q. A., G. O. No. 69, of 1876, p. 3; No. 108, of 1876, p. 163; No. 64, of 1877, p. 168; No. 32, of 1877, p. 555; No. 64, of 1877, p. 779.
N. B.—The references to regiments and staff corps under the heading of "The Army" in each number of the JOURNAL are not included in this index.
First Cavalry, 793, 821, 830.
Second Cavalry, 165, 198, 270, 493, 635.
Third Cavalry, 133, 198, 213, 218, 289, 329, 477, 498.
Fourth Cavalry, 270, 293.
Fifth Cavalry, 198, 270, 293, 830.
Seventh Cavalry, 21, 56, 148, 493, 670, 723.
Ninth Cavalry, 635.
First Artillery, 246, 293, 423, 523.
Second Artillery, 246, 423, 507, 523, 835.
Third Artillery, 231, 423, 507, 523, 831.
Fourth Artillery, 688, 798, 817, 839.
Fifth Artillery, 769.
First Infantry, 406, 493, 798, 839.
Second Infantry, 406, 781, 798, 829.
Fourth Infantry, 198.
Fifth Infantry, 223, 335, 389, 410, 425, 493, 508, 541, 602, 617, 622, 683, 709.
Sixth Infantry, 193, 372.
Seventh Infantry, 38.
Eighth Infantry, 798.
Ninth Infantry, 835.
Eleventh Infantry, 493, 509.
Twelfth Infantry, 798.
Sixteenth Infantry, 91, 810.
Seventeenth Infantry, 330, 406.
Eighteenth Infantry, 23, 181.
Twenty-first Infantry, 830.
Twenty-second Infantry, 330, 410, 425, 493, 509, 541, 743.
Twenty-third Infantry, 470.
Twenty-fourth Infantry, 787, 802.
Twenty-fifth Infantry, 393.
Casualties in the Army and Changes of Station (see each number).
HEADQUARTERS OF THE ARMY: General and Special Orders (see each number).
WAR DEPARTMENT, G. C.-M. ORDERS.
(See headings of the regiments and staff departments to which officers concerned belong.)
ENGINEER CORPS, 139, 531, 547, 737, 769; Papers of, 267; Report of Chief of, 267; Wheeler's Survey, 19, 30, 40, 118, 390, 705, 769, 767; Willet's Point, 618.
Judge-Advocate-General's Decisions, 513.
Ordnance Corps, 631; Report of Chief of, 367; Notes LXVII., 355; No. LIV., 435, 546, 594, 673.
Paymaster-General, 715; Report of, 325.
Secretary of War, 361, 631, 690; Report of, 277.
Signal Service, 717.
Surgeon-General's Report, 310; Circulars and Orders, 356, 763.
Military Divisions, Departments, and Districts, Orders from: Division Atlantic, 23, 603, 619, 635, 699, 731, 747, 763, 811; Division Pacific, 699; Department Arizona, 534, 563, 670, 779; Columbia, Cir. 5, 715; Dakota, 587, 633, 699, 795; Missouri, 587, 631, 693, 699; Platte, 539, 635, 687, 793; Texas, 619, 635, 699, 767, 827; District New Mexico, 635, 773.
POSTS AND STATIONS.
Camp Apache, 292; Camp Independence, 620; Camp McKinley, 764; Cheyenne Agency, 508; Cantonment Reno, 638; Fort Abraham Lincoln, 700; Fort Adams, 688; Fort Laramie, 632; Fort Leavenworth, 622; Fort McKavett, 632; Fort Meekinac, 765; Fort Rice, 823; Fort Sill, 414, 508; Madison Barracks, Fire at, 321; Omaha Barracks, 540, 669; Fort Shaw, 148, 444; Fort Union, 444; Fort Whipple, 429; Fort Wingate, 340; Fort Worth, 566; Rhode Island Arsenal, 634; Standing Rock Agency, 833; Army Posts: Tongue River Cantonment, 789.
Augur, Gen., 149, 361—Barry, Gen., 476—Casey, Gen. Silas, speech by, 443—Custer, 25, 38, 42, 47, 86, 662, 701, 782, 811—Crook, 6, 123, 166, 315, 325—Hancock, Gen., 829, 835—Reply to Gen. Howard, 218—Hazen, Gen. W.B., 769, 781, 812, 828—Howard, Gen., 90, 206, 789, 765, 781, 819—on Battles About Atlanta, 153—Hunt, Gen. H. J., Report of, 373—Kautz, Gen. A. V., 563, 701, 723—Annual Report of, 341—McDowell, Gen., 27, 739, 758, 782, 798—Meigs, Gen. M. C., 406—Miles, Gen., 406, 425—Complimentary order to the 5th Infantry, 509. (See Indians)—Ord, Gen., 187, 723, 787, 802—Otis, Col., Report of Indian Operations, 330—Reno, Major, 26, 121, 636, 662—Reynolds, Gen. J. J., 371, 622—Ruger, Gen. T. H., 182—Defended, 409—Letter from, 298; Report of, 278; Schofield, Gen., upon Army Reorganization, 525; Sheridan, Lieut. Gen. P. H., 21, 69, 85, 101, 182, 227, 309, 344, 526; Annual Report of, 344, 573; Sherman, Gen. W. T., 10, 21, 155, 160, 214, 325, 449, 573, 525, 603, 662, 669, 726, 739, 787, 789, 835; Annual Report of, 261; in California, 138; Sturgis, Gen. S. D., Letter from, 42; Terry, Gen. A. H., 22, 198, 214, 372; Upton, Gen. Emory, 828; Artillery School, 515; Valdictory of Gen. Barry, 440; Army Amateurs and the, 832; American Military System, 111; Army and Navy, Unity in the, 576; Army and Politics, 758; Army and the Election, 332; Army and the Riots, 835. (See Army headings); Army Camp Life, 423; Civilian Employees, Status of, 90; Army Clerks, 498; Clothing Army, 450; Colored Troops, 305; How Officered, 736; Confidential Reports, 200; Discharge Papers, 185; Equipments Infantry, 282; Army, Has Congress Abolished, 658; Enlisted Man, The, 408, 528; Enlistment, Term of, 10; Extra Duty, not Military, 410; Gymnastic Exercises in Army, 207; Hospital Stewards, 14; In the South, 184, 200, 265, 296, 297, 298, 310, 361, 373, 389, 493, 541, 594, 604; Mosquito, Head Netting for, 834; Non-Commissioned Staff, 589; Register of, 138; Not Mercenaries, 833; Nurses and Cooks, 122; Army, Our, in 1847 and 1877, 689; Army Pay, 497, 513, 640, 656, 669, 675, 705, 752, 766, 769; Army, Popular Estimate of the, 704; Post Administration, 466; Military Prison Board, 269; Promotions in, 162, 307, 387, 555, 563, 572, 722, 747; Lineal, 330, 362, 450, 466; Army Reduction, 530, 642, 676, 691, 737, 771, 813; Army Reform, 562; Army, Reorganization of, 74, 90, 245, 324, 363, 393, 405, 408, 498, 525, 608, 707; Quartermasters, Regimental, 366; Sergeants, 450, 466, 531; Regulars and Frontiersmen, 8; Regular Army, 622; Regulations and Articles of War, 480, 529; Signal Service, 14; Staff of the Army, 448; Materials in Army, 229; Army, training boys for, 535; Uniform or Plain Clothes, 465, 530; Suggestion for Change in, 58, 578.
Army, Austria-Hungarian, 15, 206, 467—Belgian, 15—Chinese, 126, 455—Egyptian, 695—Swiss, 807—Turkish, English officers in, 662, 678.
Army, English, 23, 143, 190, 206, 238, 235, 254, 303, 818, 546, 823—Abolition of purchase, 710—Armament of, 567—Autumn Manoeuvres, 25—Brevets in British Army, 234—Control Department, 15—Decrease in height of, 350—Desertions from, 222—Discipline of, 414—Drunkness in, 174, 762—Health of, 617—Helmet adopted for, 647—Medical Department, 508—Recruiting for, 414, 518—Strength of, 726—Volunteers, 535.
Army, French, 15, 63, 78, 155, 165, 203, 206, 222, 230, 235, 254, 434, 467, 482, 567, 593, 598, 627, 711, 807—Annual Review of, 823, 835—Cavalry of, 823.
Army, German, 15, 28, 91, 169, 347, 502, 550, 678—Autumn manoeuvres, 710—Casualties in, 414—Promotion in, 633, 670—Railway Regiment, 270.
Army, Greek, 158, 318—Italian, 214, 415, 611, 743—Japanese, 47—Mexican, 426—Persian, 434, 614, 726—Roumanian, 690—Russian, 39, 153, 251, 430, 486, 621, 662, 823—Balloon Corps in, 286—Cossacks of the Don, 217, 461—Criticism, 659—Eclaireurs of, 659—Frauds in administration of, 630, 689—Servian, 15, 40, 78, 190, 486—Spanish, 15—Swedish, 142—Swiss, 15, 663—Turkish, 40, 126, 190, 250, 254, 518, 614, 646, 658, 685, 690, 742, 774—Medical and Sanitary condition of, 727.
Army and Navy Club, 646.
Army and Navy Journal, 152.
Articles of War, Wrongs recognized by, 348.
As Others See Us, 118.
Assaults at Arms, 497, 500.
Austrian Policy Toward Turkey, 674, 678.
Artillery, American, 79, 120, 710, 717, 789—Parrot Guns into Breech-loaders, 708—Austrian, 94, 111, 206, 286, 678—Danish Practice at Cronstad, 562—English, 126, 143, 158, 171, 183, 206, 255, 318, 350, 382, 383, 414, 455, 466, 470, 486, 502, 535, 598, 631, 678, 695, 775—Reorganization of, 698—German, 158, 383, 414, 535—Italian, 206, 286—Russian, 689, 631, 807—Turkish, 366—Ancient, 820—Armored, 350, 383, 630—Escorts for, 643—Field Tactics for, 663—Heavy, 59, 63, and Iron-clads, 286—U. S. Fortifications, 326—Hotchkiss Revolving canon (supplement to JOURNAL), 686—Light, Mason's Tactics for, 297—Rifled Projectiles for smooth bores, 567—Shrapnel Shell for, 486, 743—Sights for, 197—Travelling Carriage for, 710—Value of Air Space, 329.
Balkans, The Roads over, 686.
Banker, A Generous, 706.
Bands, Military, 410, 498.
Bashi-Bazouks, Defence of, 663.
Battles, Comparative loss in, 807.
Bayazid, Defence and Relief of, 806.
Bayonet, The, 579—Charging with, 157—Trowel, 538—Rice's Trowel, 404.
Bazaine, Marshal, 190.
Belknap, Wm. W., Case against, dismissed, 457.
Benteen, Col. F. W., Letter from, 378.
Black Hills, Geology of, 545—Blood-thirsty Enemy, A, 834.
Board, To a, 266.
Boat, Portable, 775.
Boundary, Northern, Survey of, 75, 235.
Brevet, Rank of, Fry's History of, 457.
British Empire, Consolidation of, 727.
Canadian Fortifications, 647—Militia, 335, 726, 727.
Capital, Things at the, 466, 482.
Carbine, Springfield (see small arms).
Cashiering and Dismissal, 560.
Cavalry, Austrian, 366—Circassian, 726—English, 318, 435, 455, 486, 598, 611, 823—French, 15, 254, 318—German, 126—Horses for, 303—Horse-shoes for the Army, 19—Russian, 350, 518, 598, 621, 694—Spanish, 186—Turkish, 238—Fight, A, 685—History, prize for, 611—Improved horse-shoes for, 143, 298, 434—Increasing the, 10—Officer of, become a Cardinal, 567—Outposts, 350—Reorganization, 264—Sabre, for the, 154—v. Infantry, 531.
Caucasian and Chinese Baquet, 404.
Cemetery Hill, Occupation of, letter from Gen. Von Steinwehr, 378.
Centennial Exhibition, Stames College, 189—Arrangements of naval exhibition, 230—Presentation to P. A. Engineer L. W. Robertson, C. S. N., 263.
Centennial Exposition, 30, 39, 69.
Chaplains in the Army, 74, 610, 786—In Navy, 362—In French Army, 334.
Chenane, How to prepare, 834.
Chevrons, Service, 738.
Cholera, Asiatic, 496.
Claims, Alabama, 327.
Comte de Paris, History of Civil War, 74, 231, 298—Correspondence with Gen. Pope, 208, 346, 678, 626.
Colleges, Military, Army officers at, 25, 42, 90, 105, 106, 126, 755.
Collision at Sea, color blindness, one cause of, 567.
Compensating Powder, 686.
Confederate Generals, Items concerning, 14, 561, 771.
Congress, the 44th, The proceedings of, 9, 30, 47, 218, 285, 318, 325, 341, 357, 373, 393, 409, 411, 425, 454, 461, 477—Appropriations for 1876-7, 39, 510—Congressional reports, 47—Testimony, 170.
Congress, frigate, Cruise of the, in 1842-5, 575, 591, 607.
Constantinople, Site of, 250.
Correspondents, Answers to, 14, 46, 78, 94, 110, 125, 141, 157, 190, 221, 233, 223, 255, 302, 317, 334, 349, 396, 398, 434, 413, 469, 486, 501, 533, 565, 582, 597, 661, 646, 594, 754, 773, 789, 805, 822.
Coral Bank, Discovery of, 279.
Countermining, Submarine, 823.
Courts of Inquiry, 546.
Cuba, War in, 296, 757.
Custer, Gen., Items concerning, 25, 38, 42, 47, 86, 662, 701, 782—Whittaker's Biography of, 347, 395, 494, 498, 581, 738, 755, 782.
Dahomey, War with, 62.
Davis, Jeff, Work on the war, by, 786.
Dazell, Private, who he is, 347.
Decoration Day Sentiments, 709.
Disappearance of a Salt Lake, 118.
Dockyard, English, at Esquimaux, Proposed, 711.
Dragoons, Light, 72.
Dynamite, subaqueous, Blasting with, 631.
Earth, Inhabitants of, 254.
Egypt, modern, 213—for England, 774.
Eggs, dried for Army use, 382.
Eight-Hours Law, 529.
Election Laws, Enforcing, 69.
Electric Light, New, 807, 815.
Electricity, with bodily, exploding fuses, 774.
Engineers, Cadet and Assistant, 802—Suggestion from, 216.
Engineering, English Naval, 567.
England, and Egypt, 835, and India, 742, 743—Frenchman on, 379—Facilities for the Invasion of, 502—and Russia, 249, 727, 823—Military strength of, 366.
English Physique, 453—Volunteers, 236.
English Preparations for War, 469, 470.
Envelopes, Official Use of, 769.
Esprit de Corps, 512.
Executive Precedence, 594.
Farragut, Admiral D. G., 447.
Fides Militum, 732.
Fighting by Machinery, 170.
Flag, U. S., 30.
Fleets of the World, 168.
Forage, Experiments with, 174.
Fortifications, English, 502, 750—German, 615.
Foreign Relations, Our, 360.
Franco-German war, Official account of, 726.
France and Germany, 726.
Frontiersman, The, 8, 345.
Gatling Gun, The, 21, 174, 197, 238, 271, 282, 286, 334, 350, 363, 414, 434, 453, 743, 789, 822.
Grant, Gen. U. S., Paragraphs concerning, 86, 152, 565, 566, 574, 673, 689, 753, 759, 771, 737, 791, 805, 814, 825—and Lee at Appomattox, 803—at the White House, 459—as a speech maker, 774.
George S. Wright, Wreck of the, 575, 630, 701, 814.
German Army (See Army), 250—Men-of-War in German Harbors, 823.
Germans, or the Romans, 250.
Gettysburg Heroes, Two, 595.
Gunpowder, Who invented, 425.
Gun, Ram, and Torpedo, 834.
Guns, (see Artillery,) 710.
Gales, Heavy, in 1874-5, 222.
Gymnasiums, Military, 190.
Harney, Gen. W. S., 6.
Hayden's Survey, 221.
Hell Gate, Gen. Newton's operations at, 105, 106, 118, 120, 155, 183, 216, 568.
History, How it is manufactured, 378.
Hobart Pasha, Admiral, 567, 643, 710, 727, 742, 823.
Horse, Hammocks for, at sea, 398—Population of the world, 254, 535, 743—A famous, 647—Good names for, 9—Epidemic among, 502—Driving by Elec-

INDEX TO VOLUME XIV.—1876-'77.

- Abyssinia and Egypt, 63.**
Academy, Military, 9, 54, 91, 392, 445, 546, 694, 705, 718, 736, 737, 738, 782, 786, 801.
Academy, Naval, library of, 283, 527, 643—Filling of vacancies, 561, 574, 654—Board of visitors, 605 638, 687—Rifle practice of first class, 719, 735, 750, 751, 756—List of successful candidates, 55, 783—Hazing at, 167—Vacancies, 103, 311—Dismissal from, 359—Order No. 8, 407—Pall Mall Gazette on, 426—Resolutions at meeting of Academic Board, 463—Commissary of, 659—Dismissal of Cadet Midshipmen, 830—Order of Superintendent, 830.
Academies, National, hazing at the, 163, 183, 249.
Aerial Machines for War, 614.
Africa, Civilizing, 726.
Aldershot, A New War Game, 469.
Ambulances, Improvised, 6.
American scientific work, 155.
Arctic Explorations, 206, 254, 331, 350, 366, 367, 409, 426, 428, 455, 598, 701, 798, 815.
Armada, Spanish, Relics of, 550.
ARMY OF THE UNITED STATES.
Promotions, Reappointments, Retirements, Transfers and Casualties, H. Q. A., G. O. No. 69, of 1876, p. 3; No. 108, of 1876, p. 163; No. 64, of 1877, p. 168; No. 32, of 1877, p. 555; No. 64, of 1877, p. 779.
N. B.—The references to regiments and staff corps under the heading of "The Army" in each number of the JOURNAL are not included in this index.
First Cavalry, 793, 821, 830.
Second Cavalry, 165, 198, 270, 493, 635.
Third Cavalry, 183, 198, 213, 218, 289, 329, 477, 498.
Fourth Cavalry, 270, 293.
Fifth Cavalry, 198, 270, 293, 830.
Seventh Cavalry, 21, 56, 148, 493, 670, 723.
Ninth Cavalry, 635.
First Artillery, 246, 293, 423, 523.
Second Artillery, 246, 423, 507, 523, 835.
Third Artillery, 231, 423, 507, 523, 831.
Fourth Artillery, 688, 798, 817, 839.
Fifth Artillery, 769.
First Infantry, 406, 493, 798, 839.
Second Infantry, 406, 781, 798, 829.
Fourth Infantry, 198.
Fifth Infantry, 223, 335, 389, 410, 425, 493, 508, 541, 602, 617, 622, 683, 709.
Sixth Infantry, 183, 372.
Seventh Infantry, 38.
Eighth Infantry, 798.
Ninth Infantry, 835.
Eleventh Infantry, 493, 509.
Twelfth Infantry, 798.
Sixteenth Infantry, 91, 810.
Seventeenth Infantry, 340, 406.
Eighteenth Infantry, 22, 181.
Twenty-first Infantry, 830.
Twenty-second Infantry, 330, 410, 425, 493, 509, 541, 743.
Twenty-third Infantry, 470.
Twenty-fourth Infantry, 787, 802.
Twenty-fifth Infantry, 393.
Casualties in the Army and Changes of Station (see each number).
HEADQUARTERS OF THE ARMY: General and Special Orders (see each number).
WAR DEPARTMENT, G. C. M. ORDERS.
(See headings of the regiments and staff departments to which officers concerned belong.)
ENGINEER CORPS, 139, 531, 547, 737, 769; Papers of, 267; Report of Chief of, 267; Wheeler's Survey, 19, 30, 40, 118, 390, 705, 769, 767; Willet's Point, 618.
Judge-Advocate-General's Decisions, 513.
Ordnance Corps, 631; Report of Chief of, 367; Notes LXVII., 355; No. LIV., 435, 546, 594, 673.
Paymaster-General, 715; Report of, 325.
Secretary of War, 361, 631, 690; Report of, 277.
Signal Service, 717.
Surgeon-General's Report, 310; Circulars and Orders, 356, 763.
Military Divisions, Departments, and Districts, Orders from: Division Atlantic, 23, 603, 619, 635, 699, 731, 747, 763, 811; Division Pacific, 699; Department Arizona, 534, 563, 670, 779; Columbia, Cir. 5, 715; Dakota, 587, 633, 699, 795; Missouri, 587, 631, 693, 699; Platte, 539, 635, 687, 793; Texas, 619, 635, 699, 767, 827; District New Mexico, 635, 773.
POSTS AND STATIONS.
Camp Apache, 292; Camp Independence, 620; Camp McKinley, 764; Cheyenne Agency, 508; Cantonment Reno, 638; Fort Abraham Lincoln, 700; Fort Adams, 688; Fort Laramie, 632; Fort Leavenworth, 622; Fort McKavett, 632; Fort Meekinac, 765; Fort Rice, 823; Fort Sill, 414, 508; Madison Barracks, Fire at, 321; Omaha Barracks, 540, 669; Fort Shaw, 148, 444; Fort Union, 444; Fort Whipple, 429; Fort Wingate, 340; Fort Worth, 566; Rhode Island Arsenal, 634; Standing Rock Agency, 833; Army Posts: Tongue River Cantonment, 789.
Augur, Gen., 149, 361—Barry, Gen., 476—Casey, Gen. Silas, speech by, 443—Custer, 25, 38, 42, 47, 86, 662, 701, 782, 811—Crook, 6, 123, 166, 315, 325—Hancock, Gen., 829, 835—Reply to Gen. Howard, 218—Hazen, Gen. W.B., 769, 781, 812, 828—Howard, Gen., 90, 206, 789, 765, 781, 819—on Battles About Atlanta, 153—Hunt, Gen. H. J., Report of, 373—Kautz, Gen. A. V., 563, 701, 723—Annual Report of, 341—McDowell, Gen., 27, 739, 758, 782, 798—Meigs, Gen. M. C., 406—Miles, Gen., 406, 425—Complimentary order to the 5th Infantry, 509. (See Indians)—Ord, Gen., 187, 723, 787, 802—Otis, Col., Report of Indian Operations, 330—Reno, Major, 26, 121, 636, 662—Reynolds, Gen. J. J., 371, 622—Ruger, Gen. T. H., 182—Defended, 409—Letter from, 298; Report of, 278; Schofield, Gen., upon Army Reorganization, 525; Sheridan, Lieut. Gen. P. H., 21, 69, 85, 101, 182, 227, 309, 344, 526; Annual Report of, 344, 573; Sherman, Gen. W. T., 10, 21, 155, 160, 214, 325, 449, 573, 525, 603, 662, 669, 726, 739, 787, 789, 835; Annual Report of, 261; in California, 138; Sturgis, Gen. S. D., Letter from, 42; Terry, Gen. A. H., 22, 198, 214, 372; Upton, Gen. Emory, 828; Artillery School, 515; Valdictory of Gen. Barry, 440; Army Amateurs and the, 832; American Military System, 111; Army and Navy, Unity in the, 576; Army and Politics, 758; Army and the Election, 332; Army and the Riots, 835. (See Army headings); Army Camp Life, 423; Civilian Employees, Status of, 90; Army Clerks, 498; Clothing Army, 450; Colored Troops, 305; How Officered, 736; Confidential Reports, 200; Discharge Papers, 185; Equipments Infantry, 282; Army, Has Congress Abolished, 658; Enlisted Man, The, 408, 528; Enlistment, Term of, 10; Extra Duty, not Military, 410; Gymnastic Exercises in Army, 207; Hospital Stewards, 14; In the South, 184, 200, 265, 296, 297, 298, 310, 361, 373, 389, 493, 541, 594, 604; Mosquito, Head Netting for, 834; Non-Commissioned Staff, 589; Register of, 138; Not Mercenaries, 833; Nurses and Cooks, 122; Army, Our, in 1847 and 1877, 689; Army Pay, 497, 513, 640, 656, 669, 675, 705, 752, 766, 769; Army, Popular Estimate of the, 704; Post Administration, 466; Military Prison Board, 269; Promotions in, 162, 307, 387, 555, 563, 572, 722, 747; Lineal, 330, 362, 450, 466; Army Reduction, 530, 642, 676, 691, 737, 771, 813; Army Reform, 562; Army, Reorganization of, 74, 90, 245, 324, 363, 393, 405, 408, 498, 525, 608, 707; Quartermasters, Regimental, 366; Sergeants, 450, 466, 531; Regulars and Frontiersmen, 8; Regular Army, 622; Regulations and Articles of War, 480, 529; Signal Service, 14; Staff of the Army, 448; Materials in Army, 229; Army, training boys for, 535; Uniform or Plain Clothes, 465, 530; Suggestion for Change in, 58, 578.
Army, Austria-Hungarian, 15, 206, 467—Belgian, 15—Chinese, 126, 455—Egyptian, 695—Swiss, 807—Turkish, English officers in, 662, 678.
Army, English, 23, 143, 190, 206, 238, 235, 254, 303, 818, 546, 823—Abolition of purchase, 710—Armament of, 567—Autumn Manoeuvres, 25—Brevets in British Army, 234—Control Department, 15—Decrease in height of, 350—Desertions from, 222—Discipline of, 414—Drunkness in, 174, 762—Health of, 617—Helmet adopted for, 647—Medical Department, 508—Recruiting for, 414, 518—Strength of, 726—Volunteers, 535.
Army, French, 15, 63, 78, 155, 165, 203, 206, 222, 230, 235, 254, 434, 467, 482, 567, 593, 598, 627, 711, 807—Annual Review of, 823, 835—Cavalry of, 823.
Army, German, 15, 28, 91, 169, 347, 502, 550, 678—Autumn manoeuvres, 710—Casualties in, 414—Promotion in, 633, 670—Railway Regiment, 270.
Army, Greek, 158, 318—Italian, 214, 415, 611, 743—Japanese, 47—Mexican, 426—Persian, 434, 614, 726—Roumanian, 690—Russian, 39, 153, 251, 430, 486, 621, 662, 823—Balloon Corps in, 286—Cossacks of the Don, 217, 461—Criticism, 659—Eclaireurs of, 659—Frauds in administration of, 630, 689—Servian, 15, 40, 78, 190, 486—Spanish, 15—Swedish, 142—Swiss, 15, 663—Turkish, 40, 126, 190, 250, 254, 518, 614, 646, 658, 685, 690, 742, 774—Medical and Sanitary condition of, 727.
Army and Navy Club, 646.
Army and Navy Journal, 152.
Articles of War, Wrongs recognized by, 348.
As Others See Us, 118.
Assaults at Arms, 497, 500.
Austrian Policy Toward Turkey, 674, 678.
Artillery, American, 79, 120, 710, 717, 789—Parrot Guns into Breech-loaders, 708—Austrian, 94, 111, 206, 286, 678—Danish Practice at Cronstad, 562—English, 126, 143, 158, 171, 183, 206, 255, 318, 350, 382, 383, 414, 455, 466, 470, 486, 502, 535, 598, 631, 678, 695, 775—Reorganization of, 698—German, 158, 383, 414, 535—Italian, 206, 286—Russian, 689, 631, 807—Turkish, 366—Ancient, 820—Armored, 350, 383, 630—Escorts for, 643—Field Tactics for, 663—Heavy, 59, 63, and Iron-clads, 286—U. S. Fortifications, 326—Hotchkiss Revolving canon (supplement to JOURNAL), 686—Light, Mason's Tactics for, 297—Rifled Projectiles for smooth bores, 567—Shrapnel Shell for, 486, 743—Sights for, 197—Travelling Carriage for, 710—Value of Air Space, 329.
Balkans, The Roads over, 686.
Banker, A Generous, 706.
Bands, Military, 410, 498.
Bashi-Bazouks, Defence of, 663.
Battles, Comparative loss in, 807.
Bayazid, Defence and Relief of, 806.
Bayonet, The, 579—Charging with, 157—Trowel, 538—Rice's Trowel, 404.
Bazaine, Marshal, 190.
Belknap, Wm. W., Case against, dismissed, 457.
Benteen, Col. F. W., Letter from, 378.
Black Hills, Geology of, 545—Blood-thirsty Enemy, A, 834.
Board, To a, 266.
Boat, Portable, 775.
Boundary, Northern, Survey of, 75, 235.
Brevet, Rank of, Fry's History of, 457.
British Empire, Consolidation of, 727.
Canadian Fortifications, 647—Militia, 335, 726, 727.
Capital, Things at the, 466, 482.
Carbine, Springfield (see small arms).
Cashiering and Dismissal, 560.
Cavalry, Austrian, 366—Circassian, 726—English, 318, 435, 455, 486, 598, 611, 823—French, 15, 254, 318—German, 126—Horses for, 303—Horse-shoes for the Army, 19—Russian, 350, 518, 598, 621, 694—Spanish, 186—Turkish, 238—Fight, A, 685—History, prize for, 611—Improved horse-shoes for, 143, 298, 434—Increasing the, 10—Officer of, become a Cardinal, 567—Outposts, 350—Reorganization, 264—Sabre, for the, 154—v. Infantry, 531.
Caucasian and Chinese Baquet, 404.
Cemetery Hill, Occupation of, letter from Gen. Von Steinwehr, 378.
Centennial Exhibition, Stames College, 189—Arrangements of naval exhibition, 230—Presentation to P. A. Engineer L. W. Robertson, C. S. N., 263.
Centennial Exposition, 30, 39, 69.
Chaplains in the Army, 74, 610, 786—In Navy, 362—In French Army, 334.
Chenane, How to prepare, 834.
Chevrons, Service, 738.
Cholera, Asiatic, 496.
Claims, Alabama, 327.
Comte de Paris, History of Civil War, 74, 231, 298—Correspondence with Gen. Pope, 208, 346, 678, 626.
Colleges, Military, Army officers at, 25, 42, 90, 105, 106, 126, 755.
Collision at Sea, color blindness, one cause of, 567.
Compensating Powder, 686.
Confederate Generals, Items concerning, 14, 561, 771.
Congress, the 44th, The proceedings of, 9, 30, 47, 218, 285, 318, 325, 341, 357, 373, 393, 409, 411, 425, 454, 461, 477—Appropriations for 1876-7, 39, 510—Congressional reports, 47—Testimony, 170.
Congress, frigate, Cruise of the, in 1842-5, 575, 591, 607.
Constantinople, Site of, 250.
Correspondents, Answers to, 14, 46, 78, 94, 110, 125, 141, 157, 190, 221, 233, 235, 302, 317, 334, 349, 396, 398, 434, 413, 469, 486, 501, 533, 565, 582, 597, 661, 646, 594, 754, 773, 789, 805, 822.
Coral Bank, Discovery of, 279.
Countermining, Submarine, 823.
Courts of Inquiry, 546.
Cuba, War in, 296, 757.
Custer, Gen., Items concerning, 25, 38, 42, 47, 86, 662, 701, 782—Whittaker's Biography of, 347, 395, 494, 498, 581, 738, 755, 782.
Dahomey, War with, 62.
Davis, Jeff, Work on the war, by, 786.
Dazell, Private, who he is, 347.
Decoration Day Sentiments, 709.
Disappearance of a Salt Lake, 118.
Dockyard, English, at Esquimaux, Proposed, 711.
Dragoons, Light, 72.
Dynamite, subaqueous, Blasting with, 631.
Earth, Inhabitants of, 254.
Egypt, modern, 213—for England, 774.
Eggs, dried for Army use, 382.
Eight-Hours Law, 529.
Election Laws, Enforcing, 69.
Electric Light, New, 807, 815.
Electricity, with bodily, exploding fuses, 774.
Engineers, Cadet and Assistant, 802—Suggestion from, 216.
Engineering, English Naval, 567.
England, and Egypt, 835, and India, 742, 743—Frenchman on, 379—Facilities for the Invasion of, 502—and Russia, 249, 727, 823—Military strength of, 366.
English Physique, 453—Volunteers, 236.
English Preparations for War, 469, 470.
Envelopes, Official Use of, 769.
Esprit de Corps, 512.
Executive Precedence, 594.
Farragut, Admiral D. G., 447.
Fides Militum, 732.
Fighting by Machinery, 170.
Flag, U. S., 30.
Fleets of the World, 168.
Forage, Experiments with, 174.
Fortifications, English, 502, 750—German, 615.
Foreign Relations, Our, 360.
Franco-German war, Official account of, 726.
France and Germany, 726.
Frontiersman, The, 8, 345.
Gatling Gun, The, 21, 174, 197, 238, 271, 282, 286, 334, 350, 363, 414, 434, 453, 743, 789, 822.
Grant, Gen. U. S., Paragraphs concerning, 86, 152, 565, 566, 574, 673, 689, 753, 759, 771, 737, 791, 805, 814, 825—and Lee at Appomattox, 803—at the White House, 459—as a speech maker, 774.
George S. Wright, Wreck of the, 575, 630, 701, 814.
German Army (See Army), 250—Men-of-War in German Harbors, 823.
Germans, or the Romans, 250.
Gettysburg Heroes, Two, 595.
Gunpowder, Who invented, 425.
Gun, Ram, and Torpedo, 834.
Guns, (see Artillery,) 710.
Gales, Heavy, in 1874-5, 222.
Gymnasiums, Military, 190.
Harney, Gen. W. S., 6.
Hayden's Survey, 221.
Hell Gate, Gen. Newton's operations at, 105, 106, 118, 120, 155, 183, 216, 568.
History, How it is manufactured, 378.
Hobart Pasha, Admiral, 567, 643, 710, 727, 742, 823.
Horse, Hammocks for, at sea, 398—Population of the world, 254, 535, 743—A famous, 647—Good names for, 9—Epidemic among, 502—Driving by Elec-

Exportation of, forbidden, 347
Cavalry—Turkish assembly for, 142.

Howard, Gen., in reply to Gen. Hancock, 346.

Howgate Polar Expedition, (See Arctic,) 701.

Huascar's fight with Shah. (See Iron-clads.)

Indians, Alaska, 637—Apaches, 38, 461, 493, 605—Cherokees, 117—Cheyennes, 228, 270, 286, 542, 670—Mackenzie's report of fight with, 293—Chiricahuas, 558—Crows, The, 341—Modoca, 148—Nez Percés, 117, 509, 789, 758, 765, 769, 781, 797, 798, 813, 829—Poncas, 526, 589—Sioux, Operations against, 6, 20, 21, 36, 37, 38, 54, 69, 85, 101, 117, 133, 148, 163, 182, 196, 198, 214, 229, 246, 270, 286, 309, 330, 341, 357, 372, 389, 410, 431, 454, 464, 493, 509, 541, 670, 703, 739, 765, 830—Surrender of, 573, 593, 637, 657—Custer's fight with, 293—Miles's, General, Defeat of, 293, 541, 715, 723, 739—Who is the blunderer, 88—Dakota calendar, 593—Indian agent, How to insult, 813—Ring, Dishonesty of, 725—Indians and railroads, 10—Demoralized, 765—Civilizing, 670—Bishop Whipple's opinion of, 46, 464—Indian extermination, 234—How to fight the, 6—Number of, 621—As soldiers, 410, 637, 784—Transfer to War Department, 41—Indian treaty, 120.

Infantry, mounted, 14.

Inglorious repose, 58.

Insurance, Life, 26, 426, 429, 500, 580, 595.

Investigation, Romance of, 56.

Iron-clads, 15—Armor plates for, the thickest yet, 208—Accidents to, 137, 614, 791, 823—Egyptian, 742—English, 47, 63, 126, 157, 286, 367, 399, 434, 454, 455, 600, 630, 631, 695, 710, 743, 807, 839—German, 710—Italian, 215, 399, 662, 743, 791—Russian, 318, 407, 639, 769, 791—Turkish, 414, 711, 758—Hussar, The frigate, 139—In action, 790, 806—The Huascar's fight with Shah, 710, 758, 785, 790, 806, 807—With air spaces, 615.

Isthmus, American, Review of, 199—Ship canal, 603—Darien surveying expedition, 342, 798.

Jackson, Stonewall, 632.

Jacob the Sexton, Proverbs of, 138.

Japan, Americans in, 331.

Jurisdiction of U. S. over ceded lands, 136.

Kearny, Phil., last letter, 245.

Knapack, New, 494.

Knighthood, Orders of, 414, 742.

Kin ting koo kin too shoo tseih ching, 775.

Kriegspiel for Navy, 695.

Krupp's Gun Works, 95, 535.

Lafayette and Seward, 454.

Lahrush, Captain, Autopsy of, 702.

Lee, Jackson and Stuart, 654.

Leland, Major, petit souper, 531.

Life saving service, U. S., 426.

McClellan, General, Gideon Welles on, 358.

McPherson's statue, 206.

Marine National Guard, 513—Views, 626.

May's dragons, One of, 234.

Medical staff in tactics, 103.

Merrimack, The, and Commodore Vanderbilt, 358.

Meteorology, Ocean, 463.

Mexico, Our relations with, 94, 136, 181, 614, 689, 704, 717, 720, 733, 787, 753, 784, 787, 801, 802, 823, 827.

Miles, General, to Wendell Phillips, 120.

122—Fight with Sioux, 735 (see Army.)

Military comity and command, 152—Despotism, 296—History, How to study, 334—Interviewers, 170—Resources 328—Training and civil pursuit, 342.

Mississippi jetties, 43, 449, 450, 687, 691, 717, 766, 783, 814.

Moltke, Von, Count, Letters by, 494.

Montenegrins, The, 142, 823.

Mormons, Threats of war with, 602, 702, 757, 802.

Motive power, New, 799.

Munchausen reporter corrected, 218.

NATIONAL GUARD.

Alabama, 128, 292, 397, 629, 693, 821.

Ancient and Honorable Companies, in different States, History of, 336, 318, 332, 348, 364, 380, 396, 412, 612, 725.

Arizona, 789.

California, 140, 189, 206, 413, 469, 540, 613, 693, 700, 741, 773, 789, 805, 821.

Connecticut (see each number).

Delaware, 384.

Illinois, 363, 735, 805.

Indiana, 324, 365, 501, 581, 789, 837.

Iowa, 46, 109, 817.

Maine, 29.

Maryland, 45, 77, 173, 821.

Massachusetts (see each number).

Michigan, 13, 29, 45, 61, 123, 173, 253, 397, 549, 693.

Minnesota, 606.

New Hampshire, 317.

New Jersey, 123, 173, 189, 302, 349, 460, 517, 607, 613, 709, 741.

New York Artillery, 13, 306, 394, 394, 439, 412, 468, 485, 505, 531, 597, 639. Association, State Military, 366. City Regiments—5th, 7th, 8th, 9th, 11th, 12th, 23d, 71st (see each number).

Brooklyn Regiments—12th, 14th, 28th, 33d, 47th (see each number).
Cavalry—29, 76, 230, 435, 581, 594, 740, 757.
Dickinson, 1st—60, 123, 140, 189, 413, 690, 8d, 140, 188, 300, 433, 638, 773; 5th, 173; 6th, 156; 7th, 13, 724; 2d, 28, 60, 172, 413, 549, 565, 756; 3d, 60; 5th, 13, 44, 125, 495, 645; 8th, 13; 11th, 38, 44, 126, 264, 615; 25th, 299, 898.
Gazette of Changes in—13, 305, 381, 453, 516, 676, 740.

Sixteenth Infantry, 44.

Twentieth Infantry, 44.

Twenty-first Infantry, 13, 77, 44.

Thirty-fourth Infantry, 140.

Forty-fourth Infantry, 61, 77, 134, 831.

Forty-eighth Infantry, 13, 61, 433, 432.

Forty-ninth Infantry, 74, 760.

Fifty-first Infantry, 432, 449, 564.

Fifty-fourth Infantry, 77, 109, 349, 381, 413, 613.

Adjutant General's Office, 740, 741—Kings Co. Armory, 333—Old Guard, 284, 337, 351, 397—Report Adjutant-General Townsend, 788—Decorations Day, 692, 708—New York Military Code, 644—Revised Regulations, 629.

Pennsylvania, 13, 29, 45, 61, 109, 173, 237, 269, 333, 394, 395, 397, 433, 741, 757, 773, 789, 805.

Ohio, 61, 453, 549, 693, 735.

Rhode Island, 29, 45, 61, 93, 157, 173, 189, 237, 269, 281, 302, 333, 413, 501, 549, 639, 757, 773.

Texas, 269, 434.

Vermont, 13, 29, 61, 77, 302, 874, 413.

Virginia, 13, 109, 173, 297, 783.

National Guard in the railroad riots, 788, 821, 836.

Cost question, 821—Discipline under arms, 501—Militia, Our, 319, 638, 644, 708—Militia systems, The, 837—President's authority over, 333—Reform in, 230—Cadet element in, 644—Improvement of, 740—Organization, 613—Cost of, 433—Retrenchment, 434—School for officers, 432—Riots, 601—Utilization of, 644—Militia reserves, importance of, 644—Movable pivots, 769—Report of Major-General Shaler, 838—Regimental musters, 188, 204—Rewards, Militia, 614—By-laws and Spartans, 602—Various items (see each number)—Winter instructions, 188—Staff, Regimental, as voters, 543, 564.

RIFLE PRACTICE.

Rifle Practice in Army, 314, 310, 449, 491, 540, 673, 706; Amateur Rifle Club, 13, 44, 76, 140; Creedmore, 13, 38, 76, 93, 140, 156, 173, 304, 320, 336, 357, 368, 381, 396, 507, 513, 691, 676, 725, 740, 756, 773, 788, 804, 821, 837; International Match, 12, 28, 44, 60, 76, 93, 102, 157, 173, 708, 731, 734, 740, 756, 773, 788, 804, 821, 837; National Rifle Association, 13, 44, 76, 108, 124, 237, 317, 333, 265, 433, 645, 660; Nevada Badge, 60, 205, 284, 333, 615, 756, 790, 798; Other Rifle Associations and Matches, 12, 13, 28, 44, 60, 61, 76, 124, 140, 174, 184, 204, 220, 237, 254, 317, 661, 724, 756, 773, 804, 838; Various items, 31, 121, 188, 304, 301, 313, 333, 365, 382, 396, 412, 432, 433, 438, 468, 500, 533, 544, 573, 581, 612, 629, 660, 680, 693, 708, 736, 773, 804.

Rifle sights—188, 516—Filed, 156, 177, 304, 756—Protest against filed, 393—To be improved, 468—Suggestions, 548—Improved, 500—New for carbine, 660.

Drill—Indicator for aiming drill, 253—Attendance at, 548—Competitive review, 580—Competitive, 596.

NAVY OF THE UNITED STATES.

Armors of vessels, 151.

Asst. Paymasters, Navy, Examination of candidates for, 687.

Bureaus, Chiefs of, to meet weekly, 543.

Cadet midshipmen, Appointment of candidates for, 634.

Cadet engineer graduates, Opinion of Attorney-General in reference to relative rank, 830.

Compound engine, 655, 706, 722, 767, 770, 786.

Cruise, coming from and going on, 250.

Drill and inspection at Port Royal, S. C., Libraries of men-of-war, 282.

70.

Mare Island, Cal., Suit to obtain possession of, 799.

Marine Corps, 41, 526, 544, 546, 671—Changes in (see each number)—Promotions in the, 87—Recruiting, 247—Survey of commandants headquarters, 247—Nominations to the Senate, 295—Uniform of, 623.

Marine hospital service, Annual report of, 559.

Marine officers, Board of, 606.

Mates, U. S. Navy, Petition of, 391.

Medical Corps, Navy, Representation at Geneva Medical Congress, 798.

Mercantile marine as an adjunct of the Navy, 359.

Mileage, Navy officer's, 750.

Mileage in Navy, 529.

Modern navies, 7, 26, 62, 71, 110, 135, 534, 790.

Monument, Naval, 702.

Mutual Benefit society, Naval, 814.

Naval appropriation bill, 479—Architecture, 154, 382—Attacks, 392—Engineers, 186—Government, 528—Men as steamship captains, 184—Medical education, 544—Monument, 105—Institute, 377, 393, 426, 494, 574, 687, 718—Officers commanding merchant vessels, 167.

Navies, Merchant, of the world, 324, 727.

Navy, Condition of the, 281—Fleet officers in, 594, 706—Hygiene in, 512, 531, 535, 545—Register, 463, 464, 478—Reorganization and improvement of, 313, 326, 329, 343, 344, 345, 361, 362, 393, 431, 767—Uniform, 463, 499—Appointments, 71, 119, 135, 215, 279, 391, 463, 495, 511, 527, 543, 575, 607, 623, 639, 671, 687, 703, 751, 788, 799—Commissioned officers in the, 7—Commissions in the, 375, 391, 427, 463, 527, 623, 697—Nominations, 7, 23, 295, 391, 479, 495, 527.

Nous Verrons, 655.

Pay of naval officers, 25, 104, 120, 374, 527, 539, 560, 578, 592, 625, 737, 770, 799.

Prisoners, Release of, 782.

Prize money suits, 220, 874, 671.

Promotions, Naval, 55, 71, 103, 135, 151, 183, 263, 279, 327—In the naval retired list, 481.

Register of naval officers, supplement to No. 686.

Regulations, Navy, New, 719—Reconstruction of the, 359.

Repairing ships, 296.

Reports, annual, Secretary, 299—Bureau, Ordnance, 283—Naval constructor, 263.

Review of sailors and marine, 199.

Retired list, Limit of, 511.

Seamanship and discipline, past and present, 527.

Secretary of Navy, 295, 511, 539, 534, 545, 558, 607, 638, 703, 713, 718, 721, 831—Authority to review acts of predecessor, 545.

Signals, Naval, 35.

Signal office, 247.

Steel for the hulls of war ships, 95.

Training Ships, 71.

Visits, Interchange of, 638.

NAVY, U. S., VESSELS OF.

Adams, 6, 22, 38, 70, 71, 66, 151, 183, 199, 247, 494, 510, 542, 558, 574, 590, 606, 631.

Ajax, 151, 494, 534, 762, 782.

Alarm, 574, 638, 672.

Alaska, 66, 103, 119, 199, 446, 511, 702, 766, 830.

Alert, 23, 87, 427, 462, 574, 590, 623, 638, 670, 702, 734.

Alliance, 183, 230, 235, 311, 359, 374, 427, 446, 462, 494, 510, 590, 623, 638, 672, 734.

Ashuelot, 6, 55, 103, 150, 183, 217, 311, 342, 375, 427, 462, 510, 542, 670, 702, 734, 763.

Bache, A. D., C. act survey steamer, 734.

Beclis, 134, 766, 831.

Blake, Coast Survey steamer, 574.

Brooklyn, 39, 57, 511, 702, 830.

Canandaigua, 329, 574, 766.

Canonica, 151, 491, 542, 670.

Cat-kill, 151, 494, 766, 782.

Colorado, 39, 831.

Coloche, 702.

Congress, 247, 750.

Constellation, 55, 70, 86, 103, 558, 731, 750, 766, 830.

Constitution, 311, 359, 374, 654, 670, 687, 831.

Cumberland, 730.

Cyanide, 367.

Delaware, 427.

Deepatch, 6, 33, 119, 134, 330, 347, 348, 574, 590, 606, 631, 718, 766, 782, 814.

Dictator, 151, 494, 534, 672, 633, 687, 782.

Enterprise, 263, 279, 575, 586, 830.

Essex, 65, 198, 230, 247, 2, 3, 279, 407, 426, 446, 478, 527, 571, 621, 654, 670, 671, 687, 702, 718, 734, 766, 814.

Franklin, 6, 23, 55, 87, 103, 119, 134, 215, 230, 233, 217, 311, 446, 494.

Frolic, 131, 198, 247, 407, 591, 654, 719, 766, 831.

Godney, Surveying schooner, 39.

Galena, 700, 766.

Gettysburg, 87, 119, 123, 134, 167, 240, 347, 279, 296, 327, 526, 542, 606, 623, 638, 654, 670, 734, 830.

Glance, tug, 81.

Guard, 446, 511, 766.

Grapeshot, tug, 89.

Harford, 55, 70, 71, 86, 87, 119, 134, 151, 183, 199, 199, 215, 230, 247, 294, 359, 426, 427, 446, 491, 536, 542, 559, 654, 687, 700, 706, 722, 798, 814, 820.

Hassler, Coast Survey steamer, 22, 750, 782.

Huron, 6, 22, 86, 86, 103, 119, 151, 183, 279, 311, 368, 526, 574, 626, 706, 733, 814, 830.

James-town, 87, 134, 734.

Itasca, 134.

Iroquois, 766, 831.

Independence, 391, 734.

Junata, 6, 39, 55, 70, 86.

- W., 331—Ogilby, Fred. D., U. S. A., 722, 749, 754—Parker, Mrs. F. A., 715—Pennock, Alex. M., U. S. N., 119, 431—Pentz, Sergt., 357—Piper, Jas. W., U. S. N., 213—Peters, H., U. S. N., 530—Pfeiffer, Mrs. Minnie, 160—Reiley, Wm. Van W., U. S. A., 170—Richardson, W. H., 105—Rodgers, Mrs. Minerva, 402—Seward, Aug. H., U. S. A., 91—Shirley, Paul, U. S. N., 303—Simpson, G. W., U. S. A., 378—Smith, Giles A., 221—Smith, Richard Somers, U. S. Navy, 391, 442—Smith, Rear Admiral Joseph, United States Navy, 371, 391, 425—Snell, Alfred T., U. S. N., 445—Swift, J. W., U. S. N., 581—Stein, Edw. M., U. S. N., 790—Talbot, Edw. L., U. S. N., 405—Thaller, E. R., U. S. A., 749, 829—Thompson, Lewis, U. S. A., 430—Tompkins, Christopher, Q., 689—Torbett, F. H., 132—Totton, Benjamin J., U. S. N., 638—Valle-Riestra, Admiral, 412—Von Moeller, Alex., 396—Von Steinwehr, W., 483—Warrell, Elw. M. D., 645—Webb, Watson, 228, 314, 443—Weir, Prof. Robt., 14—Weir, Thos. B., U. S. A., 291, 378, 329, 422—Wilkes, Chas., U. S. N., 446, 448—Wilde, Wm., 630.
- Ordnance, Our new Naval, (see Artillery), 767.
- Our goddess of the coin, 298.
- Panama Ship Canal, 331.
- Peace Through War, 47.
- Pension Agencies, Consolidation of, 643—Bureau, Operations of, 213—Soldiers' Longevity, 123, 139.
- Peris, Annexation of, to England, 742.
- Photographic Micrographic Maps and Despatches, 530.
- Pistols, Army, Ordnance Notes, LIV., 435, 566, 594, 675—and Sabre Compared, 726.
- Plains of the Great West, 390, 411.
- Pocket-handkerchiefs, Military, 350.
- POETRY.
- Art's Limitations, 346—Ballad of the French Fleet, 563—Bey in a Box, The, 726—Blue and Gray, 425—Bohemian Maid's Kiss Song, 589—Buckskin Bill, 366—Burgundy Rose, 594—Centennial Group, 59—Challenge, The, 398—Dream of Thanksgiving Eve, 626—The Enterprise and Boxer, 379—Fanny McKee Marye, 477—Happy Family, A., 791—John Brown's (12 Inf.) 235—Mon Cadet, 187—My Prison Last Night Was a Cottage, 579—Navy Pay, 694—News From the War, 659—North and South, 107—Old Forty-Niner, The, 246—Old Hostler's Experience, 221—Plow Bear, The, 691—Pope's Universal Prayer, 626—Pride of Battery B, 65—Private of the Buffs, The, 467—Requiem, Benny Havens, 718—Revenge of Rein in the Face, 547—Rose Song, 574—Sailor's Return, The, 375—Sea and Land Victories, 123—Sergeant of the 50th, 206—Soldiers of Peace, 749—Song of the Camp, 611—Tried and True, 515—Truxton's Victory, 174—Warfare of the Future, 534—Wasp's Frolic, The, 230—What the Bullet Sang, 62—Wealth of the Black Hills, 11—Ye Representative Indian Agent, 139—Reville's Lament, 166.
- Polo, 312, 366, 411, 563—in the Army, 56.
- Pontoons, Hegeman's, 314.
- Powell's Survey, 766.
- President Hayes, Election of, 214, 265, 285, 292, 421—Inauguration of, 497—Cabinet chosen by, 493—Message of, 290—As a Soldier, 822—Items concerning, 21, 496, 513, 562, 733—Proclamations and orders of, 67, 83, 163, 195, 327, 248, 371, 389, 539, 555, 603, 635, 817.
- President, Authority over State Militia, 248.
- Prisons, Military, 254.
- Prussia, (see Germany).
- Punch, Receipt for, 331.
- Publications, New, 269, 314, 378, 379, 409, 429, 434, 467, 499, 515, 534, 550, 577, 634, 721, 737, 785, 803, 823.
- Quadrilateral, The New, 430.
- Railways, Dutch, 631—Russian, 318, 663, 726—Gun cotton for destroying, 271—Improved, 53—In war, 502.
- Ram, Marine, planned by Commodore Ammen, 654.
- Range-finders, 662, 736, 807, 823—Berdan's, 563, 567—Le Boulenger's, 400, 551—Watkin's, 567—In English Army, 486.
- Red Cross, Society, 775.
- Regimental or post bands, 546.
- Reminiscences of the Civil War, 315.
- Reno and Rosser, 11.
- Resuscitation, 186.
- Revenue Marine Service, 57, 217, 783.
- Revolution, Battles of the, 149.
- Riflemen, Mounted, 630.
- Riots in the Roman Mints, 834.
- Railroad riots, The, 796, 801, 816, 817.
- River improvements, proposed transfer of, to Navy, 785.
- Rockets, Life Saving and War, 426, 662.
- Rocket flares, 589.
- Rock Tunnels in N. Y. City, 786.
- Roman Legions, 42, 330—History of, 59.
- Roman War, A tight place in, 626.
- Roumania, Independent of Turkey, 674.
- Russia and Turkey, War between, 24, 30, 31, 47, 79, 103, 200, 235, 286, 293, 303, 334, 345, 393, 399, 496, 502, 514, 577, 593, 608, 624, 640, 647, 638, 674, 685, 690, 695, 705, 707, 731, 753, 769, 774, 785, 790, 800, 806, 823, 833, 838—Russia's Declaration of War, 610—Turkish Declaration of War, 630—Turkish atrocities, 127—India's sympathy with Turkey, 743—The war and the United States, 691—Beauregard on, 675, 703—Banner of the Caliphate, 775—Danube, Whose is, 530—Russia and Germany, 394, 430—Russia and England, 292, 383, 467, 695, 887—Russia and United States, 749—Russia, Manifest destiny of, 737—Russia's Rule or Ruin Policy, 659.
- St. Domingo, Revolution in, 839.
- Salute, Military, Origin of, 238—International Code of, 350.
- Scott, Gen., Gideon Welles on, 337—Retirement of, 576.
- Scurvy, cause of, 23, 710.
- Sea Serpent, 398.
- Sebastopol, a commercial town, 350.
- Servian war with Turkey, 63, 73, 78, 79, 80, 95, 111, 137, 217, 260, 451.
- Sham fights, 611.
- Sick and wounded—Transport of, 625.
- Signal Bureau to Treasury Department, 429.
- Signalling in English Army, 486—German invention for, 254.
- Sign is by hand, semaphore, 535—Marine, 786—German storm, 494.
- Sitting Bull, Operations against (see Indians).
- Slavonic Question, The, 83.
- Small arms, American, abroad, 78, 157, 231, 246, 267, 451, 470, 486, 508, 550, 582, 595, 614, 710—Carbine, Springfield, 41, 43, 74, 117, 123, 139, 154, 303, 379—Carbine in Reno fight, 26—Rifled sights, 134, 170—Foreign, 9, 15, 142, 158, 174, 350, 455, 511, 535, 663—Choke Bore Guns, 230.
- Smoke respirator, A, 695.
- Soldiers' Home, N. Y., 453, 536, 546, 597, 643.
- Soldiers' Marriage, 483.
- Societies, Army, Cincinnati, 187—M. O. L. U. S., 185, 445, 574, 646, 757—Army Potomac, 498, 642, 705, 747, 749, 771—Army Tennessee, 57, 169, 185, 723, 771—Grand Army Republic, 151, 773, 788.
- Society, A generous, 770.
- Steam engines for roads, 207.
- Suez Canal, 807—Cost of, 743—English protection of, 678.
- Surgery, American, 90—Military, 234.
- Surveys, European, Notes upon, 528.
- Sykes, Gen., at Gettysburg, 27.
- Tactics, Modern, 190—Systematic instruction in, 518.
- Target Practice (see Rifle Practice).
- Taylor, Gen. Zach. and Secession, 138.
- Telegraph, Government, 718—Military, 787—Wire for splints, 695.
- Telemeters (see Range Finders).
- Text books at Woolwich, 649.
- Thomas, Gen. G. H., Statue of, 47, 58.
- Tidal Harbor Improvements, 720.
- Tobacco, How to smoke, 283.
- Torpedoes, 31, 47, 54, 142, 279, 283, 350, 383, 434, 456, 551, 579, 583, 590, 593, 614, 662, 663, 678, 698, 695, 710, 711, 721, 727, 742, 743, 759, 774, 783, 787, 799, 823, 834, 839—Protection against, 807—Veraus monitors, 806—System, English, 646—Service, Russian, 807—The Lay, 786, 802—The Moveable in European war, 672.
- Torpedo boat Midge, 638.
- Torpedo school, 70.
- Tournament, An Arab, 461.
- Training ships, German, 815.
- Transportation, Field, 90.
- Transvaal, Annexation of, by England, 742.
- Trenton, Celebration of, Battle of, 331.
- Tribunals, Military, 343.
- Tunnel under English channel, 63.
- Turks and Christians, 743.
- Turkish Generals, Some, 774.
- Turkish Parliament, The first, 567.
- Turkish Taxes, 726.
- Turkish War (see Russia and Turkey).
- Uniforms, Manufacture of, 493.
- Uniform, Aneurism from tight-fitting, 347.
- Uniform, 74, (see Army and Navy.)
- Vessels, sunken, means for raising, 614.
- Veterans of 1812, 789.
- Victoria Empress of India, 365, 414, 535.
- Vicksburg Soldiers' Gold Speculation, 14.
- Vladivostock, Russian Port of, 447.
- Volunteers, English, number of, 710.
- Volunteers, Sherman's opinion of, 10.
- Von Moltke as a topographer, 695.
- War, a Novel Plan for Conducting, 331.
- War, Modern, 695.
- Washington Monument, 206, 771, 589, 786.
- Webster, Col. Fletcher, 770.
- West Point, new road at, 803. (See also Academy.)
- Wilder Mitailleuse, 652.
- Wilson, Henry, Monument Fund, 186, 450, 483, 755.
- Widows' Relief Fund, 9, 37, 41, 57, 73, 91, 107, 121, 137, 155, 167, 173, 185, 201, 219, 249, 265, 285, 297, 318, 366, 409, 449, 481, 510, 547, 573, 610, 673, 721, 753.
- Wounded in War, 14.
- Woodruff Scientific Expedition, 823.
- Yacht Club of the United States, 514.
- Young Men's Christian A., 691.

58.

350,
614,
721,
799,
807
Eng-
-The
Euro-

and,

331.

7).

t-ft-

614.

335.

cula-

331.

589,

also

186,

73,

185,

366,

373,